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Application No. 10/684,447
Amendment dated January 17, 2007
Reply to Office Action of October 17, 2006

Docket No.: 0941-0852P

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of representing a tree database in a display menu, comprising the steps of:

providing a tree database with a database name, the tree database possessing a plurality of first level data nodes, each of which possesses a null set or a plurality of second level data nodes, wherein each of the first data node and the second data node has a data node name;

selecting one of the first level data nodes as a working data node;

titling the node name of the working data node in the first line of a working menu;

listing the second level data nodes possessed by the working data node in the working menu, following the node name of the working data node;

listing the non-selected first level data nodes as a switching menu; ~~and~~

if a cursor is moved to one of the first level data nodes in the switching menu, displaying the second level data nodes possessed by thereof in an extra menu; and

combining the working menu, the switching menu, and the database name into a display menu.

2. (Original) The method as claimed in claim 1, wherein the display menu can be displayed and selected in a display device.

3. (Cancelled)

Application No. 10/684,447
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4. (Original) The method as claimed in claim 3, wherein the extra menu can be displayed and selected in a display device.

5. (Original) The method as claimed in claim 1, wherein the tree database is a general database.

6. (Original) The method as claimed in claim 1, wherein the tree database is a directory system.

7. (Currently Amended) A computer-readable storage medium for storing a computer program, wherein the computer program, applied in a computer system, executes the method of representing a tree database in a display menu, the method comprising the steps of:

providing a tree database with a database name, the tree database possessing a plurality of first level data nodes, each of which possesses a null set or a plurality of second level data nodes, wherein each of the first data node and the second data node has data node name;

selecting one of the first level data nodes as a working data node;

titling the node name of the working data node in the first line of a working menu;

listing the second level data nodes possessed by the working data node in the working menu, following the node name of the working data node;

listing the non-selected first level data nodes as a switching menu; ~~and~~

if a cursor is moved to one of the first level data nodes in the switching menu, displaying the second level data nodes possessed by thereof in an extra menu; and

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combining the working menu, the switching menu, and the database name into a display menu.

8. (Currently Amended) The computer-readable storage medium as claimed in claim 7, wherein the display menu can be displayed and selected in a display device.

9. (Cancelled)

10. (Currently Amended) The computer-readable storage medium as claimed in claim 9, wherein the extra menu can be displayed and selected in a display device.

11. (Currently Amended) The computer-readable storage medium as claimed in claim 7, wherein the tree database is a general database.

12. (Currently Amended) The computer-readable storage medium as claimed in claim 7, wherein the tree database is a directory system.